

REMARKS

Claims 1, 2, 7 and 8 have been amended. Attached hereto is a marked-up version of the changes made to the claims by this Amendment. This marked-up version has been entitled "Version With Markings To Show Changes Made."

The Examiner has rejected applicant's claims 1-4 under 35 USC § 103(a) as unpatentable based on either the Fan, et al. patent or the Suzuki patent taken with the Saikawa, et al. patent. With respect to applicant's claims, as amended, these rejections are respectfully traversed.

Applicant's independent claim 1 has been amended to better define applicant's invention. More particularly, claim 1 is directed to a head-mounted display apparatus which includes a front frame on which a display part is mounted through a holding member in a stowable manner and a mount pad is disposed opposite to a forehead of a user. The apparatus further includes side frames which are connected respectively to two end parts of the front frame by hinge parts in a state of being movable to inner stowed positions by turning the hinge parts. Finally, the apparatus is further defined as being capable of being mounted and held on the forehead of the user by pressing the mount pad to the forehead of the user by an elastic force generated by spreading the side frames.

Such a construction is not taught or suggested by the cited art of record. Specifically, the Examiner has acknowledged with respect to each of the Fan, et al. and the Suzuki patents that the respective patent does not disclose a head mounted display apparatus "capable of being mounted and held on the head of user with an elastic force generated by spreading said side frames". Further, neither the Fan, et al. patent nor the Suzuki patent teaches or suggests the use of a mount pad disposed opposite to the forehead of the user, nor can they, therefore,

teach or suggest pressing of the mount pad to the forehead of the user by an elastic force generated by spreading the side frames.

Also, the Saikawa, et al. patent discloses side head supporting sections 1e made of an elastic member. However, the side head supporting sections 1e just press the side of the head of the user by their elasticity. Accordingly, the Saikawa, et al. patent does not teach or suggest a head mounted display apparatus capable of being mounted and held on the forehead of a user with an elastic force generated by spreading the side frames of the apparatus.

Additionally, the Saikawa, et al. patent discloses a forehead resting section 1d positioned on the forehead of the user. However, even though the forehead resting section 1d is in contact with the forehead of the user it is just one of the four contact points for mounting the apparatus on the head of the user. Therefore, the Saikawa, et al. patent does not teach or suggest holding a head mounted display apparatus to the head of a user by pressing a mounting pad to the forehead of the user by the elastic force generated by spreading the side frames.

In point of fact, the in the Saikawa, et al. patent, head band adjusters 1i adjust a head band 1c in contact with the user on the top of the head with respect to a frame section 1b. This adjusts the frame of the device to the size of the head of the user, and a forehead resting section 1d only positions the display on the forehead of the user.

Accordingly, the Fan, et al., Suzuki, and Saikawa, et al. patents, taken alone or in combination, fail to teach or suggest a head-mounted display apparatus being capable of being mounted and held on the forehead of the user by pressing a mount pad to the forehead of the user by an elastic force generated by spreading the side frames of the apparatus. Applicant's


amended claim 1, and its respective dependent claims, all of which recite such feature, thus patentably distinguish over the cited patents.

In view of the above, it is submitted that applicant's claims 1-4, as amended, patentably distinguish over the cited art of record. Accordingly, reconsideration of these claims and passage of same to issue with the allowed claims is respectfully requested.

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Respectfully submitted,

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Version With Markings To Show Changes Made

IN THE CLAIMS

Amend claims 1, 2, 7 and 8 as follows:

1. (Amended) A head-mounted display apparatus, comprising:

a front frame on which a display part is mounted through a holding member in a stowable manner and a mount pad is disposed opposite to a forehead of a user, said display part being rotatable in forward and reverse directions;

side frames which are connected respectively to two end parts of said front frame by hinge parts in a state of being movable to inner stowed positions by turning the hinge parts, said head-mounted display apparatus being capable of being mounted and held on the forehead [head] of the [a] user by pressing the mount pad to the forehead of the user by [with] an elastic force generated by spreading said side frames[; and

earphone holding members arranged on said side frames to hold earphones].

2. (Amended) A head-mounted display apparatus according to claim 1 further comprising:

earphone holding members arranged on said side frames to hold earphones[;]

wherein each of said earphone holding members is composed of an elastic body fixed to a lower side of each of said side frames and is arranged to hold, with an elastic force, a stem part of each of the earphones inserted into said elastic body.

7. (Amended) A head-mounted display apparatus, comprising:

a front frame on which a display part is mounted;

right and left side frames which are connected respectively to two end parts of said front frame by hinge parts in a foldable manner;

a mount pad disposed in a position of said front frame opposite to the forehead of a user; and

elastic members provided in parts of said right and left side frames located opposite to the temple parts of the user,

wherein said mount pad is arranged to be urged toward the forehead of the user by elastic forces of said right and left side frames generated toward the head of the user, and each of said elastic members covers one of said right and left side frames [and is provided with a hole on a part thereof].

8. (Amended) A head mounted display apparatus according to claim 7, wherein each of said right and left side frames has a thickness thereof thicker on an inner side thereof which abuts on the head of the user than on an outer side thereof, and a [said] hole is formed in a part on the outer side of each of said right and left side frames.